

INDEX.

TO VOL. XLII (VOL. XVIII, THIRD SERIES) OF THE AMERICAN
JOURNAL OF PHARMACY.

Accident in distilling ether..... 512
Acetic acid, assay of commercial..... 273
Acetic acid, phosphate of lime in..... 389
Aconite alkaloids..... 397
Aconite poisoning..... 179
Action of chlorine on absolute alcohol in direct sunlight..... 466
Action of direct sunlight on iodide of potassium..... 80
Action of sunlight on sulphurous acid..... 352
Active principle of catalpa bignonoides..... 204
Adirondack mineral springs..... 66
Adulterated saffron..... 218, 390
Adulteration of saffron..... 318, 532
Adulteration of sulphuric acid..... 217
Adulteration of cochineal..... 220
Agnew Ernest, medicinal drageés and granules..... 270
Agoniada and agoniadin

Alkaloids of the genus aconitum..... 233
Almonds, fixed oil of..... 408
Alumni Association of the Philadelphia College of Pharmacy..... 183, 474
Alumni Association of the Massachusetts College of Pharmacy..... 415
Ambrosine, a new fossil resin..... 374
American Chemist, the..... 478
American Pharmaceutical Association, minutes of..... 481
Ammonia gunpowder..... 432
Amount of arsenic in the phosphorus of commerce..... 507
Anæsthesia by methyl-ethylic ether..... 333
Ancient use of odoriferous plants..... 557
Angelic converted into valerianic acid..... 467
Annual report of the Board of Regents of the Smithsonian Institution... 89
Annual report of the Surgeon General of the U. S. Army..... 91
Annual address, President Sargent's..... 485
Annuaire de therapeutique de Bouchardat..... 287
Apparatus for chlorine water..... 218
Apparatus for evaporation under reduced pressure..... 349
Apprenticeship and early training of pharmacists..... 543
Aqua chlorinii extemp..... 207
Archibald Henry C., on Campbell's process for fluid extracts..... 117
" " " on granular citrate of magnesia..... 231

Archives of ophthalmology and otology.....	286, 478
Aromatic glycerate of rhubarb.....	142
Arsenic in the soda of commerce.....	79
Arsenic and antimony tested in the moist way.....	79
Artificial flake manna.....	348
Artificial refrigerators.....	479
Arts, The, devoted to science and the arts.....	286
Ashy crown bark of Venezuela.....	449
Assay of a pure American opium.....	124
Assay of commercial acetic acid.....	273
Asparagus berries, analysis of.....	370
Attfield's saturation tables.....	382
 Balata.....	178
Balsam of Peru.....	404
Bartlett N. Gray, on ferri et strychniae citras.....	251
Bateman T. H., on unguentum sabinæ.....	433
Battey, Dr. Robert, on sulphate of lime in tr. chloride of iron.....	207
Bandrimont Ernest, on the use of tin foil for preserving substances liable to change by exposure to air.....	434
Bees wax, purity of.....	536
Behavior of narcein to iodine.....	221
Behavior of ferroso-ferric oxide to saline solutions.....	402
Bell, John, M.D., on Adirondack mineral spring.....	66
Bell, James, on fermentation.....	413
Bellis perennis.....	320
Benger, F. Baden, on the apprenticeship and early training of pharma- ceutists.....	543
Benzoic acid and gum benzoin.....	369, 406
Betts' metallic capsules.....	477
Biltz, E. C. A., on decomposition of chloroform.....	409
Bisulphide of carbon in pharmacy.....	246
Bisulphide of carbon on wood, effects of.....	461
Black varnish for iron work.....	469
Bocking Edmund, on trichina spiralis.....	213
Boetger, Dr. R., process for producing a bright coating of platinum on glass.....	328
Bond, H. Treverton, on glyceratus a substitute for syrup.....	177
" " on aromatic glycerate of rhubarb.....	142
Bower, Henry A., unguentum hydriargiri oxidi rubri.....	302
Braithwaite's retrospect of medicine.....	190, 479
British Pharm. Conference Meeting, at Liverpool.....	571
Brown hair dye.....	227
Bromide of potassium, purification of.....	174
Bromine, production of.....	427
Bruckner, Wm. H., on phosphate of lime in acetic acid.....	389
Bullock, Charles, death resulting from an overdose of strychnia.....	309

<i>Caldwell, A.</i> , on the percentage system.....	312
<i>Campbell's method of percolation</i>	17
<i>Campbell's process for fluid extracts</i>	17, 29, 62
<i>Campbell Samuel</i> , on a supplement to Campbell's method of percolation, etc.....	17
<i>Camphoration of blisters</i>	511
<i>Candidus, P. C.</i> , on compound elixir of taraxacum.....	71
<i>Cantharidal collodion</i>	116
<i>Cantharidate of potassa</i>	240
<i>Careless reporting of the Pharmacopeial Convention by Medical Journals</i> 377	
<i>Castelhaz, M.</i> , on the preparation of bromide of sodium.....	379
<i>Case of alleged aconite poisoning in San Francisco</i>	179
<i>Carrés apparatus for making ice</i>	102
<i>Catalogue of the Class of the Philadelphia College of Pharmacy</i>	94
<i>Catalpa bignonoides</i> , its active principle.....	204
<i>Cell doctrine</i> , its history and present state.....	486
<i>Cement for knife handles</i>	469
<i>Chalk mixture</i>	191, 393
<i>Chandler, C. F.</i> , report on poisonous hair dyes and cosmetics.....	362
<i>Chandler, W. H.</i> , on the production of iodine and bromine.....	427
<i>Chemical composition of gelsemium</i>	1
<i>Chemical constitution of asparagus berries</i>	370
<i>Chemical mask</i>	283
<i>Chemists and druggists' almanac</i>	190
<i>Chemical examination of condensed milk</i>	457
<i>Chemist and Druggist, London</i>	474
<i>Chicago School of Pharmacy</i>	281
<i>Chinese Pharmacy in New York</i>	380
<i>Chloral</i>	73, 455
<i>Chloral, preparation of hydrate of</i>	177
<i>Chloral, on a new</i>	371
<i>Chloral hydrate</i>	237
<i>Chloral hydrate, percolation of</i>	405
<i>Chlorinated lime, keeping of</i>	299
<i>Chlorodyne</i>	263
<i>Chlorodyne, composition of</i>	437
<i>Chloroform, its decomposition</i>	409
<i>Chloroform, new chapter in the history of</i>	572
<i>Chloroform, new vehicle for</i>	561
<i>Chromium, preparation and use of hydrated oxide of</i>	113
<i>Chrysophanic acid</i>	355
<i>Church, Arthur H.</i> , on cyclopic acid, &c.....	460
<i>Cincho-quinine</i>	343
<i>Cinchona barks from Java</i>	401
<i>Cinchona barks, assay of</i>	372
<i>Cloes, M.</i> , rendering commercial sulphide of carbon inodorous	159
<i>Clausen, E.</i> , on vaccinin.....	297

<i>Clarke, C. B.</i> , report on cinchona culture in Bengal.....	422
Cod liver oil.....	214
Cod liver cream	247
Codamine	395
Collodion.....	114, 145
Coffee, roasting of.....	431
Collodion cotton.....	116
Collodion paper.....	116
Cold cream.....	63
Color test for strychnia, most delicate.....	385
Compound solution of opium.....	33
Compound elixir of opium.....	71
Composition of chlorodyne.....	437
Condensed milk.....	457
Contributions to the knowledge of gelsemium.....	1
Contributions to the study of veratrum viride.....	91
Constitution and code of ethics of the Philadelphia Coll. Pharm.....	92
Coniferin.....	220
Congress of colleges of pharmacy in relation to education.....	281
Convention for the fifth decennial revision of the U. S. Pharmacopœia...	289
Conia in hemlock fruit	404
Constituents of ergot, on some.....	143
<i>Contat, M.</i> , on the manufacture of sulphuret of carbon.....	157
Conversion of angelic into valerenic acid.....	467
Co-operative trading applied to medicine and pharmacy.....	477
Cubebes, examination of	222
Cultivation of cinchona plants under glass in England.....	257
Cultivation of cinchona in Mexico.....	542
Cultivation of saffron in France.....	373
Cultivation of ipecacuanha in India.....	436
Culture and diseases of the silkworm.....	462
Crystallization of sulphocarboilate of quinine.....	506
Cureumin.....	466
<i>Cycloœdia</i> of quantitative chemical analysis.....	382, 574
Cyclopic acid.....	460
<i>Cyclopia vogelii</i>	460
<i>Davies, Edward</i> , on the purity of yellow bees wax.....	536
Death resulting from an overdose of strychnia	309
Decomposition of oxalic acid in aqueous solution.....	318
Decomposition of chloroform.....	409
<i>Delpach, E.</i> , on the vesicating action of cantharidate of potassa.....	240
Detection of copper arsenic colors.....	217
Detection of alcohol by iodoform.....	399
Detection of alcohol in chloroform and chloral hydrate.....	399
Dextrine, purification of.....	327
Digitalis, time for its collection.....	221
Dispensatory of the United States, 13th edition.....	284

n of nitrogen compounds in <i>hyoscyamus niger</i> and <i>alba</i> at different stages of development.....	323
Disinfecting solution of carbolic acid.....	511
<i>Donovan, M.</i> , on the employment of medicinal hydrocyanic acid.....	345
<i>Dosch, Benton G.</i> , on pumpkin seeds.....	200
Double sulphide of potassium and iron.....	447
<i>Dowse, Thomas Stretch, M.D.</i> , on the composition of chlorodyne.....	437
Drug business in Sweden.....	22
Dumaine Clande, cutch from <i>acacia catechu</i>	464
<i>Ebert, Albert E.</i> , Pharmaceutical notes.....	540
Editorial department.....	81, 179, 280, 376, 471, 568
<i>Edward, S. Baker, Ph.D.</i> , on pharmacy in Canada.....	159
Effects of opium and its alkaloids.....	188
Effects of bisulphide of carbon on wood.....	461
Employment of bisulphide of carbon in pharmacy.....	246
Employment of medicinal hydrocyanic acid.....	345
English commercial soda test.....	447
Ergot, on some of the constituents of.....	143
Errata	284
Estimation of iodine.....	321
Essence of sassafras.....	176
Evaporation to dryness.....	208
Estimation of the value of cinchona barks.....	372
Eucalyptus oil	465
Examination of commercial sulphuric and hydrochloric acids for arsenic	400
Examination of cubebs.....	222
Excipients for pills.....	208
Exhibition of chemicals, drugs, etc., at Baltimore.....	568
Extemporaneous dropping machine.....	300
Extract of meat.....	320
Extract of <i>physostigma venenosum</i>	321
Female students.....	470
Fermentation.....	443
<i>Ferri et strychnia citras</i>	251
Filtered air	359
Fixed oil of almonds.....	408
Flake manna, artificial.....	348
<i>Flückiger, Dr. F. A.</i> , on the rhatany root of Para.....	329
" " purification of chloral hydrate.....	405
" " alkaloids of the genus <i>aconitum</i>	233, 397
" " notice of.....	474
Fluid extracts, preparation of.....	150
Fluid extracts, Campbell's process for.....	17, 29, 62
Fluid extracts, remarks on.....	337
French justice.....	284
Frothy syrups.....	209

Gelseminic acid.....	2
Gelseminin.....	9
Gleanings from the German journals.....	217, 318, 394, 401
Gleanings from the French journals.....	509
Glucose.....	410
Glycerin lotion.....	69
Glycerin and sawdust, are they spontaneously combustible?.....	86
Glyceratus, a substitute for simple syrup.....	177
Glyceratus rhei aromaticus.....	142
Glyconine.....	155
Granular citrate of magnesia.....	231
Grimaux and Ruotte on essence of sassafras.....	176
Guarana.....	558
Guy, T. Omar, on sulphocarabolic acid and the sulphocarbolates.....	209
Gugot, P., on the palm oils of commerce.....	459
Hager, Dr. H., on zinc sulphophenate.....	136
" " on purification of dextrine.....	327
" " on fixed oil of almonds.....	408
Hair dyes, report on.....	362
Half-yearly abstract of the medical sciences.....	479
Half-yearly compendium of medical science.....	479
Hanbury, Daniel, F.R.S., historical notes on manna.....	162
" " " on a species of ipomea yielding Tampico jalap.....	330
" " " on the adulteration of saffron.....	532
Heisch, Dr., on organic matter in water.....	446
Herrmann, J. Carl, on some constituents of ergot.....	143
Hesse, O., contribution to the knowledge of the opium alkaloids.....	394
Higgins, S. B., on snake poison and its antidote.....	454
Hirsh, Joseph, on glyconin.....	155
Histed, Edward, on artificial flake manna.....	349
Hodgen, John T., M.D., on a simple and cheap substitute for the stomach pump.....	458
Hoffman, Dr. Fred., gleanings from German journals.....	394
Hood, John W., notes on the cultivation of the poppy in Australia.....	550
Honey of rhatany root.....	512
Howard, John Eliot, on cinchona culture in England under glass.....	257
Honors to Parisian chemists.....	284
Hübner, Franz, on bitter almond water.....	239
Hybridization of cinchona.....	467
Hydrate of chloral.....	177, 381
Hydrocyanic acid, medicinal.....	345
Illuminating gas from petroleum.....	326
Illustrations of the genus cinchona, by Dr. Mutis.....	477
Influence of ammonia on guaiac paper.....	322
Impurity in tincture of chloride of iron.....	107
Influence of sugar on magnesia used as an antidote.....	510

Iodide of potassium, action of sunlight on..... 80
 Iodine, production of..... 427
 Iodoform as a means to detect alcohol..... 398
 Ipecacuanha, syrup of..... 127
 Ipecacuanha, its cultivation in India..... 436
 Iron and hydrogen..... 560
 Jalap, plant yielding Tampico..... 330
 Jewish physicians in Rome..... 470
 Joint action of medical and pharmaceutical committees on the drug law..... 82
 Joy, Prof. Charles A., on chloral..... 73
 " " on glucose..... 410
 Jouget, A., on ammonia gunpowder..... 423
 Kemp, D. S., on saccharo-chirettin..... 534
 Kennedy, George W., note on Campbell's fluid extracts..... 62
 " " on *tinctura nucis vomicae*..... 298
 " " additional note on *tinct. nuc. vomice*..... 392
 " " *tinctura cinchona composita*..... 393
 King, James T., on Campbell's process for fluid extracts..... 29
 " " examination of deposit from tincture of rhubarb..... 149
 Klein, Dr., on iron and hydrogen..... 560
 Klever, M., on the solution of some chemicals in glycerin..... 222
 Koch, Herman, on suppositories..... 197
 Kofler, L., examination of condensed milk..... 457
 Kraut, K., on Peru balsam..... 236
 Lauthopine..... 395
 Laudanine..... 394
 Lefort, M., on the employment of bisulphide of carbon in pharmacy..... 246
 Liebin, M. A., on a test for alcohol..... 179
 Liebig's infusion of meat..... 318
 Light sulphate of quinine, a fraud..... 249
 Lillard, Benjamin, on a new formula for syrup of citric acid..... 508
 Lime juice..... 450
 Linimentum potassii iodidi cum sapone..... 245
 Liquor opii compositus..... 33
 List of members and graduates of the Philad. Coll. Pharm..... 182
 List of graduates for 1870..... 277
 Loew, M. O., on the action of direct sunlight on iodide of potassium..... 80
 " " on the action of sunlight on sulphurous acid..... 352
 Löwe Julius, on benzoic acid and gum benzoin..... 369, 406
 Louisville College of Pharmacy..... 475
 Lycopodium clavatum..... 70
 Lyons, A. B., M.D., on sulphocarbonate of zinc..... 508
 Maisch, Prof. John M., on lycopodium clavatum, &c..... 70
 " " on the weeds of western peppermint plantations..... 120
 " " gleanings from the German journals..... 217, 318, 401
 " " on pharmaceutical legislation..... 303
 " " on solubility of glue in glycerin..... 515
 Manna, historical notes on..... 162

Manna, artificial flake.....	348
Manufacture of sulphide of carbon.....	157
<i>Martius, C. A.</i> , illuminating gas from petroleum.....	326
<i>Martius and Mendelshon-Bartholdy</i> , on chloral.....	455
<i>Markoe, Prof. George F. H.</i> , on naphthaline for protection from moths.....	72
Massachusetts College of Pharmacy.....	381
<i>McDonald, George</i> , on a brown hair dye.....	227, 300
Meconidine.....	394
Medicinal dragees and granules.....	270
Medicinal action of papaverin.....	161
Meeting of the American Pharmaceutical Association.....	376
Meeting of the American Pharm. Association, at Baltimore.....	568
<i>Melsens, A.</i> , on a method of preserving drugs dry.....	253
Metallic hydrogen.....	357
Metric weights and measures.....	378
Methyl-ethylic ether.....	333
Method of preserving drugs dry.....	253
Minutes of the Philadelphia College of Pharmacy.....	275, 375, 561
Minutes of the 18th annual meeting of the American Pharmaceutical Association.....	481
Minutes of the Convention of Delegates from Colleges and Societies of Pharmacy, held in Baltimore Sept., 1870.....	500
Mode of preparing the cutch of commerce.....	464
Modern therapeutics, Naphys.....	287
<i>Moore, J. B.</i> , on <i>tinctura opii camphorata</i>	61
" " on cold cream.....	63
" " on glycerin lotion.....	69
" " on syrup of ipecacuanha.....	127
" " on syrup of seneka.....	229, 302
<i>Morton, Prof. H.</i> , on double sulphide of potassium and iron.....	447
Muriatic acid free from arsenic.....	219
<i>Musgiller, F. C.</i> , on collodion.....	145
Myrobalons, tannin from.....	318
Naphthaline against moths.....	72
Narceina, its behavior to iodine.....	221
New Jersey Pharmaceutical Association.....	191
New test for alkalies.....	217
New acid compound of sulphur.....	243
New sulphur deposit.....	430
New method of heating stoneware vessels.....	463
New method of obtaining regulated high heats.....	463
New formula for syrup of citric acid.....	508
New reagent for alkalies.....	511
New source of citric acid.....	511
New test for solution of sugar.....	549
New antiseptic.....	556
New chapter in the history of chloroform.....	572
Note on an impurity in tincture of chloride of iron.....	107

Note on sulphocarbolic acid and the sulphocarbolates.....	131
Note on the preparation of syrup of seneka.....	203
Note on cod liver oil.....	214
Note on a brown hair dye.....	300
Note on an impurity in tincture of chloride of iron.....	301
Note on adulterated saffron.....	390
Note on mistura crete.....	391
Note on tincture of nux vomica	229, 392
Note on Illinois opium.....	68
Notes on the cultivation of the opium poppy in Australia.....	550
Notice of M. Carré's freezing apparatus.....	102
Notice of the meeting of the Association at Baltimore.....	471
Nickel-Linnéite.....	357
Nitrate of amyl.....	468
Nursing syrup and worm lozenges.....	314
Obituary, George Peabody.....	92
" Dr. Frederick Penny.....	92
" Peter V. Coppock.....	92
" P. F. G. Boullay.....	93
" Arthur W. Gabaudan.....	191
" Stephanie Robinet.....	192
" Richard B. Giles.....	192
" Dr. Joseph Redtenbacher.....	288
" Fred. Julius Otto.....	288
" Fred. Kerschleger.....	288
" Charles B. Notson.....	382
" Samuel Lenher.....	383
" Sir James Y. Simpson.....	383
" Heinrich Gustav. Magnus.....	384
" William Neergaard, Jr.....	384
" Sir James Clark.....	480
" M. Sembenini.....	480
" M. Leroux.....	480
" Dr. James Copeland.....	480
" Prof. F. F. Mayer.....	483
" William Ellis Jenkins.....	483
" W. H. Muller.....	484
" Henry G. D'Evers.....	484
" Herschell Parker.....	484
" Benjamin Brogden Orridge.....	576
" Prof. William Allen Miller.....	576
" Alexander Fullerton, Jr.....	576
" Augustus Mattiesson, F.R.S.....	576
" Dr. Bolley.....	576
Officers of the Pharmaceutical Society of Great Britain for 1870.....	473
Officers of the A. P. Association for 1870.....	488
Ointment of mercuric nitrate.....	417
Oldberg, Oscar, on the drug business in Sweden.....	22

Opium produced in Wurtemburg	563
Opium, pure American	124
Opium, so-called Illinois	68
Organic matter of human breath	254
Our next Pharmacopœia	110
Our Journal	572
Our Journal, forty-second volume	81
Ophelia chirayta	529
Ophelia elegans	531
Ophelia densifolia	531
Oxidation of paraffin by fusion	321
Palm oils of commerce	459
Palmer, J. Dabney, M.D., a tartar emetic as an anthelmintic	506
Papaverina	396, 161
Paper from hop stems	318
Paracina	404
Pattinson, John, on the English soda test	447
Peculiar balsam of Peru	219
Pepsin liquid	97
Pepsin, Boudalt's	100
Pepsin, Houghton's	101
Pepsin, Hawley's	101
Pepsin	379
Peppermint plantations, weeds of	120
Peru balsam	236
Percentage system	312
Permanganate of potassa	547
Petroleum, illuminating gas from	326
Pharmaceutical notes	540, 504, 30
Pharmaceutical notices	299, 207
Pharmaceutical legislation	303
Pharmaceutical Society of Great Britain	472
Pharmaceutical Journal	473
Pharmacopœia Suecica, editio septima	87
Pharmacopœia of veterinary medicines	91
Pharmacopœia Convention of 1870	280
Pharmacy in Canada	159
Pharmacy in Europe	282
Pharmacy in New Jersey	379, 282
Pharmacy in Indiana	380
Phosphate of lime in acetic acid	389
Phosphoric plasma	170
Physicians' visiting list 1871	576
Physiological action of the alkaloids viridia and veratroidia	189
Pills and excipients for them	195
Platinum coating on glass and porcelain vessels	328
Poisonous action of pyrogallic acid	175
Poisoning by arnica flowers	321

Pomegranate bark.....	220
Powdered camphor.....	505
Preparation of liquid pepsin.....	97
Preparation of hydrated oxide of chromium.....	113
Preparation of hydrate of chloral.....	177
Preparation of oxygen at ordinary temperatures.....	217
Preparation of soap for soap liniment.....	268
Preparation of tannin.....	403
Preparation of subacetate of lead by the cold process.....	467
Preparation of pure white gutta percha.....	469
Preparation of bromide of sodium.....	509
Preparation of caustic soda from sodium.....	510
<i>Prescott, Dr. A. B.</i> , simple apparatus for rapid evaporation.....	349
Preservation of medicines liable to deteriorate.....	400
Prevention of concussion in boiling liquids.....	218
<i>Procter, William, Jr.</i> , note on a sample of Illinois opium.....	68
" " on M. Carrés apparatus for making ice.....	102
" " assay of a pure American opium	124
" " note on sulphocarholic acid and the sulphocarbolates	131
" " on cod liver oil and the products.....	214
" " gleanings from foreign journals	509
Proceedings of the American Pharm. Association, 17th meeting.....	183
Proceedings of the American Philosophical Society	185
Proceedings of the California Pharmaceutical Society.....	187
Proceedings of the British Conference at 6th annual meeting.....	90
Process for platinizing glass, porcelain, &c.....	328
Process for purifying manufacturing oils.....	512
Production of iodine and bromine.....	427
Production of sulphuric acid from gypsum.....	469
Prof. Liebig's illness.....	379
Protective agent against moths.....	72
Protocarbonate of iron, Vallets.....	30
Pumpkin seeds—pepo U. S. P.....	200
Pure iodate of potassa.....	217
Pure chloroform.....	319
Pure methylic alcohol.....	320
Purification of bromide of potassium.....	174
Purification of dextrine.....	327
Purification of chloral hydrate	405
Purity of the yellow bees wax of pharmacy.....	536
Pursh's Journal.....	90
Pyrogallic acid, poisonous action of.....	175
Quinine, the best vehicle for.....	71
Quinine, light sulphate of.....	249
Quinine-cincho, analysis of.....	343
<i>Rademaker, C. J., M.D.</i> , on the reaction between spirit of nitre and bi-carbonate of potassa.....	106

Rademaker, C. J., M.D., on the preparation and medical use of hydrated oxide of chromium..... 113
 " " on the crystallization of sulphocarbolate of quinia 506
 " " amount of arsenic in phosphorus of commerce.. 507
Rand, Dr. B. H., on permanganate of potassa..... 547
Ransome, Arthur, M.A., on the organic matter of human breath in health and disease..... 254
Rau, Eugene A., on the active principle of catalpa bignonoides..... 204
 Reactions of gelseminic acid..... 2
 Reactions between spts. nitrous ether and bicarb. potassa..... 106
 Reduction of metallic oxides by hydrogen..... 219
Reinsch, H., on chemical constituents of asparagus berries..... 370
 Remarks on titrated solutions of opium..... 139
 Remarks on the preparation of fluid extracts

Report on hair dyes and cosmetics

Report on cinchona culture in Bengal..... 422

Report of the Committee on Scientific Queries..... 490

Resignation of a faithful officer..... 573

Reviews

Reynolds, H. P., note on *mistura cretae*..... 392

Rhatany root of Para..... 329

Rhinanthin..... 403

Richardson, Dr. B. W., methyl-ethylic ether, a new compound for the production of rapid anaesthesia for short operations..... 333

Riga pine..... 467

Roasting of coffee..... 431

Robinson, W. H., on chalk mixture..... 507

Rochleder, Dr., on chrysophanic acid..... 355

Roessler, A. R., on nickel Linnæite..... 359

Rother, R., on phosphoric plasma..... 170

" " on solution of citrate of magnesia..... 171

" " on ointment of mercuric nitrate..... 419

Royal Rhenish-Westphalian Polytechnic School at Aix la Chapelle..... 476

Rump, M., on testing antimony and arsenic in the wet way..... 79

Saccharo-chirettin, a new preparation of chiretta..... 534

Sace, Dr., examination of some gum resins and resins..... 242

Saffron in France, culture of..... 373

Sale of alcohol by apothecaries..... 183

Sanguinarina..... 322

Sargent, E. H., on fluid extracts..... 337

Sassafras, essence of..... 176

Scheffer, Emil, on the preparation of liquid pepsin..... 97

Schering, E., on chloral hydrate..... 237

Schools of pharmacy..... 377

Schmidt, E. A., examination of cubeb..... 222

Schneider, F., on the time for collecting the leaves of *digitalis*

Scientific soiree of the Academy of Natural Sciences..... 378

Simpson's reply to Dr. Bigelow, Dr..... 381

Smith, Nathaniel, on liniment of iodide of potassium.....	245
Smith, Edward, F.C.S., on chlorodyne.....	263
Snake poison and its antidote.....	452
Soap, analysis of.....	353
Soda of commerce, arsenic in the.....	70
Solutions of opium, titrated.....	139
Solubility of sulphates in sulphuric acid.....	319
Solubility of some chemicals in glycerin.....	222
Species of ipomœa yielding Tampico jalap.....	330
Sperlich, A., on balata	178
Spirit of nitrous ether, reaction between bicarb. potassa and	106
Squibb, Dr. Edward R., on liquor opii composita.....	33
Stadelier, M., on the preparation of hydrate of chloral.....	177
Stein, W., behavior of narcein to iodine.....	221
Stomach pump, simple and cheap substitute for.....	558
Strehl, Louis, light sulphate of quinine, a fraud.....	249
Streit and Franz, action of chlorine on absolute alcohol in direct sunlight	466
Strychnia as an antidote to chloral.....	348
Strychnia, overdose of.....	309
Strychnia, color test for.....	385
Subacetate of lead by cold process.....	467
Sulphate of lime in tincture of chloride of iron.....	204
Sulphocarabolic acid.....	131, 209
Sulphocarbonate of soda.....	134, 211
Sulphocarbonate of zinc.....	135, 508
Sulphocarbonate of lead.....	135
Sulphocarbonate of quinia	136, 506
Sulphocarbonate of lime.....	136
Sulphur, note on adulteration of	532, 390
Sulphur deposit, a new	430
Sulphurous acid, action of sunlight on	352
Supplement to Campbell's method of percolation.....	17
Suppositories, on	197
Sulphide of carbon, manufacture of.....	157
Syrup of bromide of iron.....	31
Syrup of hypophosphite of iron.....	32
Syrup of ipecacuanha.....	127
Syrup of orange flowers	196
Syrup of senega.....	229, 302, 203
Syrup of citric acid	509
Syrupus tolutanus.....	504
Syrnpus zingiberis.....	505
Taraxacum, compound elixir of.....	71
Tannin from the European alder.....	403
Tartar emetic an anthelmintic.....	505
Taylor, Alfred B., on fluid extracts.....	150
Tea, culture of in Tennessee.....	468
Technical analysis of soap.....	353

Test for alcohol.....	176
Test for chloral alcoholate.	319
Testing antimony for arsenic by the moist way.....	79
Tetrabromide of carbon.....	449
Thebain.....	395
Thebanin.....	395
Thebaicine.....	395
<i>Thompson, William Silver</i> , pharmaceutical notes.....	30
" " on collodion and cantharidal collodion.....	114
<i>Thorey, Ernest</i> , on the distribution of nitrogen compounds in <i>hyoscyamus</i> in different stages of growth.....	323
<i>The Medical Times</i> , of Philadelphia.....	573
Time for collecting the leaves of <i>digitalis</i>	221
Tincture of chloride of iron, impurity in	107
Tinctura opii camphorata.....	61
Tinctura nuciis vomicae.....	298
Tinctura cinchona composita.....	393
Tin foil containing lead.....	402
Tin foil, protection of substances from change by.....	434
<i>Tissandier, M. Gaston</i> , assay of commercial acetic acid.....	273
" " technical analysis of soap.....	353
<i>Trichina spiralis</i>	213
<i>Tyndall, Prof.</i> , on filtered air.....	359
Unguentum refrigerans, Galenus.....	64
Unguentum hydrargyri oxidi rubri.....	302
Unguentum sabinae	433
University of Michigan.....	85
University of Pennsylvania.....	476
University of Gottingen.....	476
Use of tin foil for preserving substances from the air.....	434
Vaccin.....	297
Vallet's protocarbonate of iron.....	30
<i>Van Sweringen, Hiram</i> , on our next <i>Pharmacopœia</i>	110
Vehicle for the internal administration of chloroform.....	561
Venezuela crown bark.....	449
Vesicating action of cantharidate of potassa.....	240
<i>Vogl, Dr. A. E.</i> , estimation of the value of various <i>cinchona</i> barks.....	372
Volatile acids of croton oil	319
Wax milk	562
Weeds of western peppermint plantations.....	121
<i>Wenzell, William T.</i> , on <i>cineboquinine</i>	342
" " on the most delicate color test for <i>strychnia</i>	385
<i>Wharton, J. C.</i> , on an impurity in tr. chloride of iron	107
White <i>cinchona</i> bark from <i>Payta</i>	470
West Virginia Pharmaceutical Association.....	380
<i>Wiegand T. S.</i> , pills and excipients for them.....	195
<i>Wood, C. H., F.C.S.</i> , preparation of soap for soap liniment.....	268
<i>Wormley, Dr. T. G.</i> , a contribution to our knowledge of the chemical composition of <i>gelsemium</i>	1
<i>Wright, Samuel P.</i> , on suppositories.....	197
Yield of extracts.....	404
Yellow bees wax, purity of.....	536
Zinc sulphophenate.....	136
<i>Zwick, G. A.</i> , on titrated solutions of opium.....	13

76
19
79
49
95
95
95
30
14

23
73
21
07
61
98
93
02
34
73
53
13
59

64
02
33
85
176
76
34

297
30
110
61
449
240
372
619
662
21
342
385
107
470
380
395
268

1
197
404
536
36
13